

Observations of SCHWEIZER'S Comet.

ALTONA.

(Dr. Petersen.)

1847.	Altona M.T.	R.A.	Dec.	
	^h ^m ^s	^h ^m ^s	° ' "	
Sept. 11	9 51 44.8	22 7 20.16	" Circ. Micr.
	10 6 15.4	7 6.94
	45 26.2	6 37.93	+65 25 26.7	Mer. Obs.
13	10 5 10.2	21 32 38.31	62 50 43.6	..
15	9 29 17.4	24 4 40.97	+59 47 42.0	..

HAMBURG.

(M. Rümker.)

	Hamburg M.T.	R.A.	Dec.
	^h ^m ^s	^h ^m ^s	° ' "
Sept. 12	11 41 44.5	326 59 35.4	+64 8 6.8
	14 55 31.2	326 24 51.1	63 57 40.6
13	12 14 37.1	322 48 11.7	62 43 12.1
19	11 9 2.0	305 45 2.0	52 42 16.5
20	14 25 49.8	303 34 30.9	50 39 2.2
21	11 27 28.9	302 4 32.4	+49 4 11.5

Elements of SCHWEIZER'S COMET. By Mr. Hind.

"From three meridian observations at Altona, on September 11, 13, and 15. All the small corrections taken into account."

Perihelion Passage, 1847, Aug. 8.24217, G. M. T.

Longitude of Perihelion	22° 6' 5.7"	} True Eq. Sept. 15.
Ascending Node	76 2 34.2	
Inclination	32 41 9.6	
Log Least Distance.....	0.1698388	

Motion Retrograde.

"The elements give for the middle observation,"

Cal.—Obs.

Longitude × Cos. lat. =	+2.0
Latitude	= +6.5

By MM. Quirling and Niebour.

Perihelion Passage, August 1.21623, Greenwich M. T.

π	27° 27' 10.5"	} Apparent Equinox.
Ω	71 55 41.2	
Inclination	33 6 17.7	
Log q	0.1575855	

Motion retrograde.

"From the Altona observations of August 11, and the Hamburg observations of August 12 and 14."

Cal.—Obs.

Middle Observat. $\Delta \alpha \cos. \beta$ =	-12.3
$\Delta \beta$ =	-12.0

"This comet has some likeness to Number 12 of Olber's Catalogue, Schumacher's *Astronomische Abhandlungen*, 1^{tes} Heft, p. 2; Pingré's *Cométographie*, p. 429."

✓ *Ephemeris of SCHWEIZER's Comet, for \odot^h G. M. T.*

By Mr. Hind.

	R.A.	Dec.	Log Δ .
	^h ^m	[°] [']	
Sept. 24	19 53.7	+ 44 34	9.9901
27	19 40.7	39 32	0.0105
30	19 31.0	34 53	0.0336
Oct. 3	19 23.6	30 40	0.0583
6	19 18.0	26 54	0.0838
9	19 13.8	23 32	0.1096
12	19 10.5	20 32	0.1350
15	19 8.1	17 54	0.1600
18	19 6.4	15 32	0.1842
21	19 5.2	13 27	0.2075
24	19 4.4	11 34	0.2299
27	19 4.0	+ 9 54	0.2514

Sweeping Ephemeris for the expected Comet of 1264 and 1556, on three hypotheses of the time of Perihelion Passage.

From Mr. Hind's Tables in the *Monthly Notice* for April 1847.

			P. P. Nov. 12.		P. P. Dec. 12.		P. P. Jan. 11.	
			R.A.	N.P.D.	R.A.	N.P.D.	R.A.	N.P.D.
			^h ^m	[°] [']	^h ^m	[°] [']	^h ^m	[°] [']
1847.	Oct.	3	12 33	91 18	11 47	92 12
		13	13 13	93 0	12 15	93 37	11 37	94 6
		23	14 4	94 59	12 48	95 11	12 1	95 30
	Nov.	2	15 5	97 22	13 28	96 51	12 28	97 0
		12	16 18	100 23	14 15	98 35	13 0	98 35
		22	17 39	103 58	15 13	100 19	13 37	100 14

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